

Amended Patent Claims

1. Security element (1, 200) for objects, in particular for documents of value (200) such as bank notes and credit cards, comprising several layers (I, R, M) located on top of each other, namely at least one a color shift effect producing interference element (I) and a layer (M) with magnetic properties, characterized in that a reflection layer (R) is disposed between the layer (M) with magnetic properties and the at least one interference element (I).
2. Security element according to claim 1, wherein the layer (M) with magnetic properties and the reflection layer have gaps (10, 20) in the form of symbols or patterns or codings.
3. Security element according to claim 2, wherein the gaps (10) in the layer (M) with magnetic properties are larger than the gaps (20) in the reflection layer (R) and form a machine-readable coding (11).
4. Security element according to at least one of the claims 1 to 3, comprising diffraction structures.
5. Security element according to at least one of the claims 1 to 4, comprising a substrate (S), on which the layers (I, R, M) are present.
6. Security element according to claim 5, wherein the substrate (S) is provided with diffraction structures (2).
7. Security element according to claim 6, wherein the diffraction structures (2) are embossed in a surface of the substrate (S).
8. Security element according to claim 4, wherein the diffraction structures (2) are integrated in an additional layer.
9. Security element according to at least one of the claims 4 to 8, wherein the reflection layer (R) adjoins the diffraction structures (2).
10. Security element according to at least one of the claims 4 to 8, wherein the interference element (I) comprises an absorber layer (A) which adjoins the diffraction

structures.

11. Security element according to at least one of the claims 1 to 10, wherein the security element is formed as a security thread (200).
12. Security element according to at least one of the claims 1 to 10, wherein the security element is formed as a plane element or stripe for application to objects, in particular documents of value.
13. Security element according to claim 12, wherein the security element is formed as a transfer element.
14. Object comprising a security element (1) according to at least one of the claims 1 to 13.
15. Object according to claim 14, wherein the object is a document of value (300).
16. Object according to claim 15, wherein the security element is a security thread (200).
17. Object according to claim 16, wherein the security thread (200) in the document of value (300) is embedded as a window thread.
18. Object according to at least one of the claims 14 to 15, wherein the security element (1) is put on the object.
19. Object according to at least one of the claims 14 to 18, wherein the object is a bank note (300).
20. Method for producing a security element according to at least one of the claims 1 to 13, comprising the steps:
 - providing a substrate (S),
 - coating the substrate S with at least one interference element (I), with a layer (M) with magnetic properties and with a reflection layer (R) in such a way, that the reflecting metal layer (R) is located between the layer (M) with magnetic properties and the at least one interference element (I).

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21. Method according to claim 20, wherein a diffraction structure (2) is placed, in particular embossed, in or on top of the substrate (S) or an additional layer.
22. Method according to claim 20 or 21, wherein the layers are produced with a vapor deposition method.
23. Method according to at least one of the claims 20 to 22, wherein the layers (I, R, M) are applied to one side of the substrate (S).
24. Method according to at least one of the claims 20 to 23, wherein by partial removal of the reflecting metal layer (R) and the layer (M) with magnetic properties transparent areas (20) in the form of symbols, patterns or codings are produced.
25. Method according to claim 24, wherein from the layer (M) with magnetic properties are removed larger parts than from the metal layer (R), so that the layer (M) with magnetic properties forms a machine-readable coding (11) which is different from the semitransparent areas (20).
26. Method for producing an object with a security element (1) according to at least one of the claims 1 to 13, wherein the security element (1) is produced according to at least one of the claims 20 to 25 and the security element produced in such a way is put on an object.
27. Method for producing an object with a security element (1) according to at least one of the claims 1 to 13, wherein the security element is produced according to at least one of the claims 20 to 25 and wherein the security element (1) produced in such a way is embedded in paper.
28. Method according to claim 27, wherein the security element (1) is embedded in the paper in the fashion of a window thread.